



# data.census.gov: Questions and Answers

**Dial-in: 1-800-369-1984 or 1-312-470-7384**

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# Outline

- Answers to Common Questions Related to:
  - **Finding Data**
  - Understanding Error Messages & Overcoming Performance Issues
  - Selecting Geographies
  - Downloading or Printing Tables
- Q&A



# How Do I Find Data for Multiple Topics?

Run separate searches for each topic filter unless you want the data cross-tabulated

Single Topic: Percent Veterans

☒ Veterans



Percent Veterans	
	Estimate
	6.9%

Single Topic: Median Household Income

☒ Income and Earnings



	United States
Label	Estimate
Median household income in the past 12 months...	65,712

Cross Tabulation: Median Income of Veterans

☒ Veterans

☒ Income and Earnings



	United States
Label	Estimate
▼ Median income in the past 12 months (in 2019 inflation-adjusted dollars)–	
▼ Total:	32,903
▼ Veteran:	44,241





# What Data Are Available?

## General Data Availability:

- American Community Survey (ACS): 2010-2019
- Decennial Census: 2000 & 2010
- Econ Census and Selected Surveys: 2012-present

	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018
ACS 1-Year Detailed Tables		✓	✓	✓	✓	✓	✓	✓	✓	✓
ACS 1-Year Data Profiles		✓	✓	✓	✓	✓	✓	✓	✓	✓
ACS 1-Year Comparison Profiles		✓	✓	✓	✓	✓	✓	✓	✓	✓
ACS 1-Year Subject Tables		✓	✓	✓	✓	✓	✓	✓	✓	✓
ACS 1-Year Selected Population Profiles		✓	✓	✓	✓	✓	✓	✓	✓	✓
ACS 5-Year American Indian and Alaska Native Tables		✓					✓			
ACS 5-Year Selected Population Tables		✓					✓			
ACS 5-Year Detailed Tables		✓	✓	✓	✓	✓	✓	✓	✓	✓
ACS 5-Year Data Profiles		✓	✓	✓	✓	✓	✓	✓	✓	✓
ACS 5-Year Comparison Profiles							✓	✓	✓	✓

[ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5489](https://ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5489)

## Other Popular Datasets and How To Access Them:

- **Population Estimates Program:**  
[Program page](#) and [application programming interface \(API\)](#)
- **Pre-2000 Decennial Census:**  
[Webpage](#), [FTP site](#), and [library@census.gov](mailto:library@census.gov)
- **Pre-2010 American Community Survey:**  
[API](#) and [FTP site](#)
- **Equal Opportunity Employment (EEO) tabulation:**  
[EEO Beta Table Tool](#) and [FTP site](#)
- **Econ Census and Selected Surveys (Before 2012):**  
[FTP site](#) and program pages





# How Do I Select My Survey?

Large surveys and programs have many options in the Surveys filter

BROWSE FILTERS	SURVEYS
Topics	<input type="checkbox"/> DEC State Legislative District Demographic Profile (100-Percent)
Geography	<input type="checkbox"/> DEC State Legislative District Demographic Profile (Sample)
Years	<input checked="" type="checkbox"/> DEC Summary File 1
<b>Surveys</b>	<input type="checkbox"/> DEC Summary File 2
Codes	<input type="checkbox"/> DEC Summary File 2 Demographic Profile
	<input type="checkbox"/> DEC Summary File 3
	<input type="checkbox"/> DEC Summary File 3 Demographic Profile
	<input type="checkbox"/> DEC Summary File 4
	<input type="checkbox"/> DEC Summary File 4 Demographic Profile

## Popular types of tables:

### Decennial Census:

- DEC Summary File 1

### American Community Survey (ACS):

- ACS 5-Year Data Profiles
- ACS 1-Year Data Profiles

### Economic Census:

- ECN Economic Census of the United States Economic Census US Basic Data



# How Can I Get Population Density?

Population density data tables were not able to be migrated to data.census.gov, but you can calculate population density with this equation and resources:

$$\text{Population Density} = \frac{\text{Total Population}}{\text{Land Area}}$$

1. Get total population data through tables on data.census.gov
  - Decennial Census: **P1** or **P001**
  - American Community Survey: **B01003**
  - Population Estimates Program: **PEPANNRES**
2. Get land area through Gazetteer Files  
<https://www.census.gov/geographies/reference-files/time-series/geo/gazetteer-files.html>
  - Download the file for your geography type
  - **ALAND** is area for land in square meters; **ALAND\_sqmi** is land area in square miles



# How Do I Access Data by Race?

## Select Topics → Race and Ethnicity

Drill into your desired level of detail and click a check box to select a group

<b>Topics</b> Geography Years Surveys Codes	Business and Economy	<input type="checkbox"/> Race and Ethnicity	<input type="checkbox"/> Asian
	Education	<input type="checkbox"/> -00 - All available races	<input type="checkbox"/> -04 - All available detailed Asian races
	Employment	<input type="checkbox"/> -01 - All available basic races alone	<input type="checkbox"/> 012 - Asian alone (400-499)
	Families and Living Arrangements	<input type="checkbox"/> -02 - All available basic races alone or in combination	<input type="checkbox"/> 031 - Asian alone or in combination with one or more other races (400-499) & (100-299) or (300, A01-799) or (400-999)
	Government	<input type="checkbox"/> -03 - All available basic race combinations	Detailed Asian Alone
	Health	American Indian and Alaska Native	Detailed Asian Alone or in Any Combination
	Housing	<b>Asian</b>	
	Income and Poverty	Black or African American	
	Populations and People	Hispanic or Latino	
	<b>Race and Ethnicity</b>	Native Hawaiian and Other Pacific Islander	

**Filters without codes provide data from standard tables. Use to get totals for most groups and characteristics of major groups (Asian)**

Example: ACS Detailed Tables, Data Profiles; Decennial Census Summary File (SF) 1, 116<sup>th</sup> Congressional District SF, etc.

**Filters with codes provide data from iterated tables. Use to get characteristics of detailed population groups (Japanese)**

- ACS 1-Year Selected Population Profiles
- ACS 5-Year Selected Population Tables and AIAN Tables
- Decennial SF 2 and SF4



## How Do I Get Data for “In Combination” Race Groups?

Due to a current defect, “in combination” filters are providing data for total population instead of your selected group.

## Use the higher-level “All Available” check boxes as a workaround

ASIAN	DETAILED ASIAN ALONE OR IN ANY C...
<input type="checkbox"/> Asian	<input type="checkbox"/> 039 - Hmong alone or in any combination (422) & (100-299) or (300, A01-Z99) or (400-999)
<input checked="" type="checkbox"/> -04 - All available detailed Asian races	<input type="checkbox"/> 040 - Indonesian alone or in any combination (423-429) & (100-299) or (300, A01-Z99) or (400-999)
<input type="checkbox"/> 012 - Asian alone (400-499)	<input type="checkbox"/> 041 - Japanese alone or in any combination (430-439) & (100-299) or (300, A01-Z99) or (400-999)
<input type="checkbox"/> 031 - Asian alone or in combination with one or more other races (400-499) & (100-299) or (300, A01-Z99) or (400-999)	<input type="checkbox"/> 042 - Korean alone or in any combination (440-441) & (100-299) or (300, A01-Z99) or (400-999)
Detailed Asian Alone	<input type="checkbox"/> 043 - Laotian alone or in any combination (442) & (100-299) or (300, A01-Z99) or (400-999)
<b>Detailed Asian Alone or in Any Combination</b>	

Search

ALL
TABLES
MAPS
PAGES

286 Results

FILTER | DOWNLOAD

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2015 INFLATION-ADJUSTED DOLLARS)

Survey/Program: American Community Survey  
 TableID: B19001

Product: 2015: ACS 5-Year Estimates Selected Population Detail

Universe: Households

CUSTOMIZE TABLE

HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2015 INFLATION-ADJUSTED DOLLARS)

Survey/Program: American Community Survey  
 Years: 2015,2010  
 Table: B19001

MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2015 INFLATION-ADJUSTED DOLLARS)

Survey/Program: American Community Survey  
 Years: 2015,2010  
 Table: B19013

AGGREGATE HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2015 INFLATION-ADJUSTED DOLLARS)

Survey/Program: American Community Survey  
 Years: 2015,2010  
 Table: B19025

Label	n of Error	Estimate	Margin of Error	Estimate
▼ Total:	±1,177	468,130	±5,885	568,616
Less than \$10,000	±410	27,104	±1,044	62,593
\$10,000 to \$14,999	±233	15,445	±935	29,404
\$15,000 to \$19,999	±255	15,949	±885	22,027
\$20,000 to \$24,999	±257	17,898	±871	24,491
\$25,000 to \$29,999	±226	16,180	±872	21,471
\$30,000 to \$34,999	±282	17,303	±846	23,739
\$35,000 to \$39,999	±219	16,100	±704	21,594
\$40,000 to \$44,999	±260	17,882	±963	21,691
\$45,000 to \$49,999	±255	17,193	±775	19,748
\$50,000 to \$59,999	±337	32,238	±1,155	40,138
\$60,000 to \$74,999	±389	46,043	±1,262	53,440
\$75,000 to \$99,999	±250	62,042	±1,707	65,060

Columns

Cell/Column Notes





# Why Are My Geographies and Downloads Not in Order?

Data and downloads come from the API, and may not be ordered as you would expect.

All the data are included, and you can manually sort it after downloading the data. Improved sorting has been applied to 2019 data and we are working to apply it to previous vintages.

c27003 all states

PUBLIC HEALTH INSURANCE STATUS BY SEX BY AGE

Survey/Program: American Community Survey

TableID: C27003

Product: 2018: ACS 1-Year Estimates Detailed Tables

Universe: Civilian noninstitutionalized population

	Colorado		Indiana	
	Estimate	Margin of Error	Estimate	Margin of Error
▼ Total:	5,604,105	+/-2,082	6,592,504	+/-1,08
▼ Male:	2,794,853	+/-5,393	3,231,118	+/-5,70
▼ Under 19 years:	689,479	+/-4,825	850,327	+/-5,40
With public coverage	236,318	+/-9,649	296,863	+/-9,54
No public coverage	453,161	+/-9,918	553,464	+/-10,23

	A	B	C	D	E	F	G
1	GEO_ID	NAME	C27003_017E	C27003_01	C27003_01	C27003_01	C27003_01
2	id	Geographic Area Name	Estimate!!Total!!Female!!19 to 64 years!!With public coverage	Margin of	Estimate!	Margin of	Estima
3	0400000US08	Colorado		313630	9162	1410969	10235
4	0400000US18	Indiana		364293	10490	1620827	10414
5	0400000US21	Kentucky		395632	8287	937467	9418
6	0400000US22	Louisiana		423951	10577	981073	11958
7	0400000US17	Illinois		736187	13011	3119920	14528
8	0400000US19	Iowa		173140	5829	735664	6046
9	0400000US33	New Hampshire		64970	3813	348147	4530
10	0400000US05	Arkansas		240791	6610	641348	7399
11	0400000US10	Delaware		68415	4509	223132	4576
12	0400000US27	Minnesota		306714	7276	1348857	7294

ACSDT1Y2018.C27003\_data\_with\_ov

Columns may be out of order in downloaded data  
Example: C27003 begins with the 17<sup>th</sup> row instead of the 1<sup>st</sup>

Geographies may not appear in alphabetical order  
Example: Search for all states starts with Colorado

United States<sup>®</sup>

Census

Bureau

9



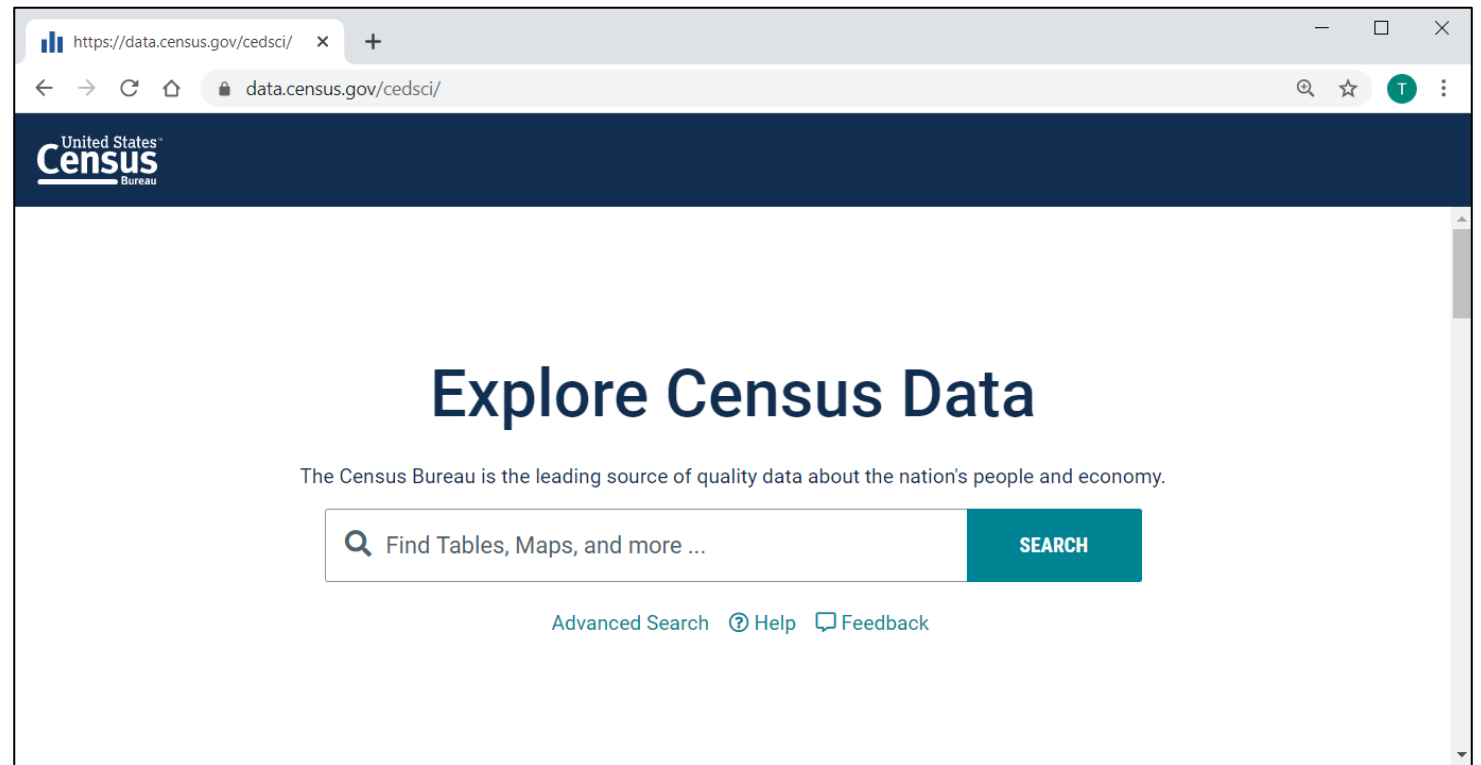
# Outline

- Answers to Common Questions Related to:
  - Finding Data
  - **Understanding Error Messages & Overcoming Performance Issues**
  - Selecting Geographies
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# What Is the Recommended Browser?

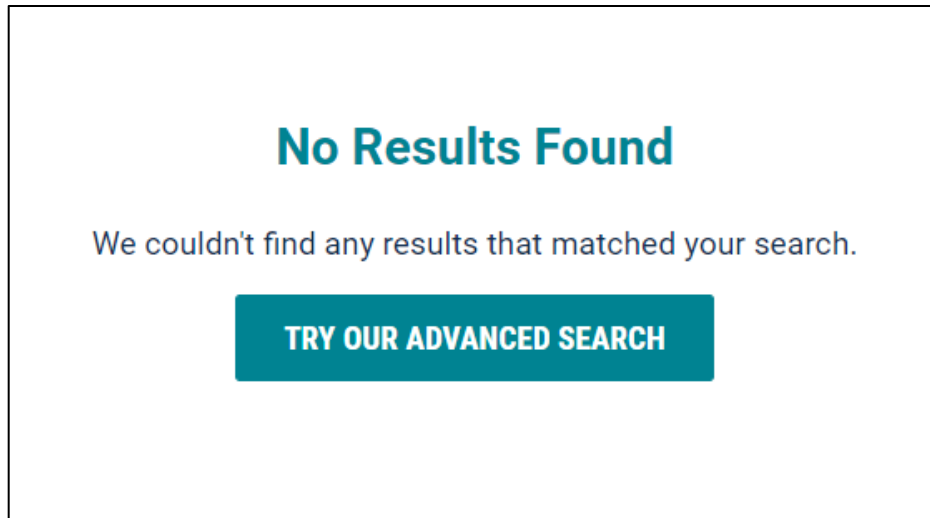
data.census.gov works best in Google Chrome





# Why Am I Getting “No Results Found” Error Message?

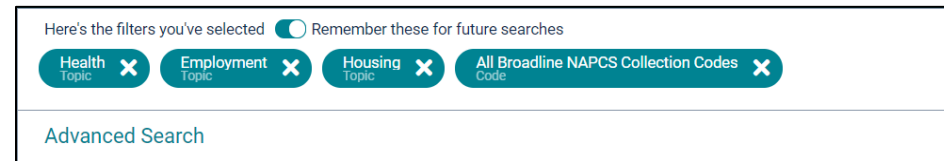
Remove filters or check for typos to resolve this:



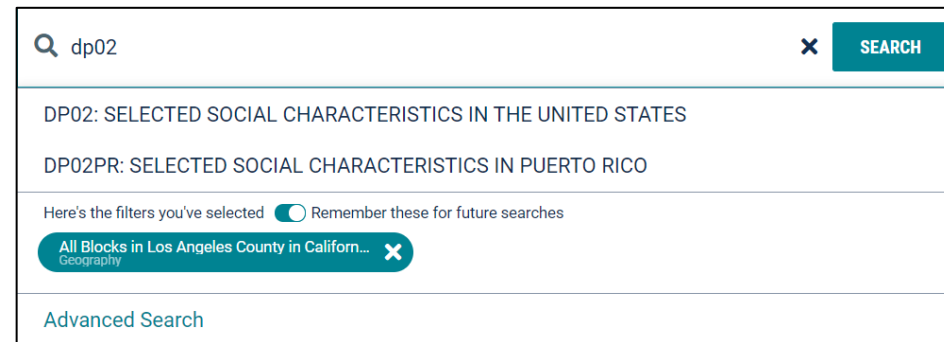
- 1) There is a typo in your table ID (example: dpo2 instead of dp02)



- 2) You selected too many filters



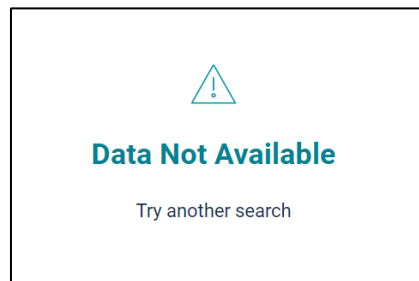
- 3) You typed something new in the single search bar that is not compatible with the filters you already selected





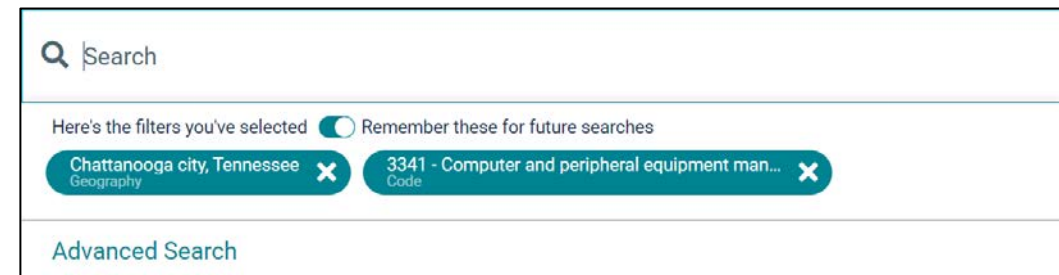
# Why Am I Getting “Data Not Available” Message or a Blank Table?

Use a higher-level geography, table, and/or NAICS code

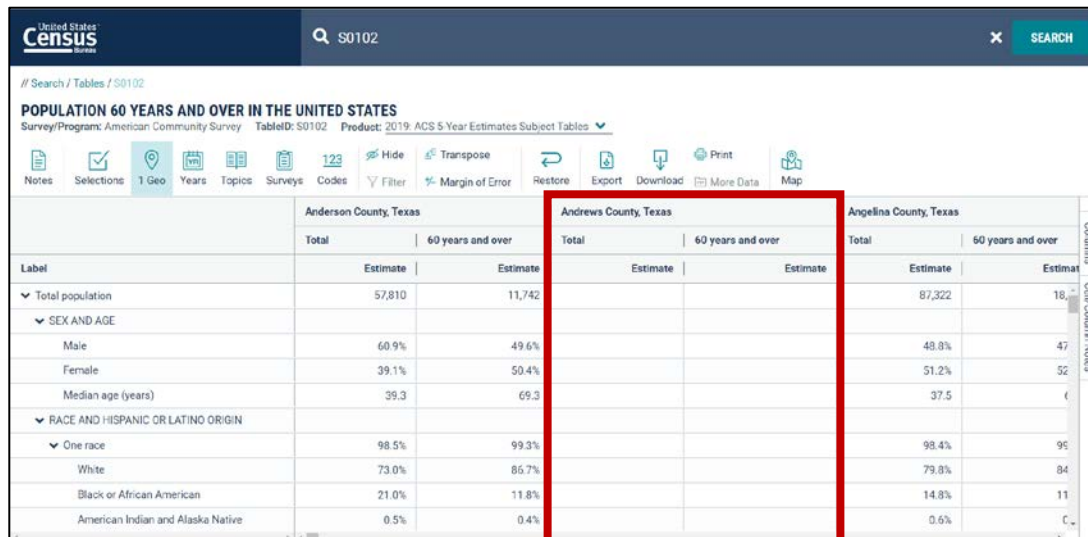
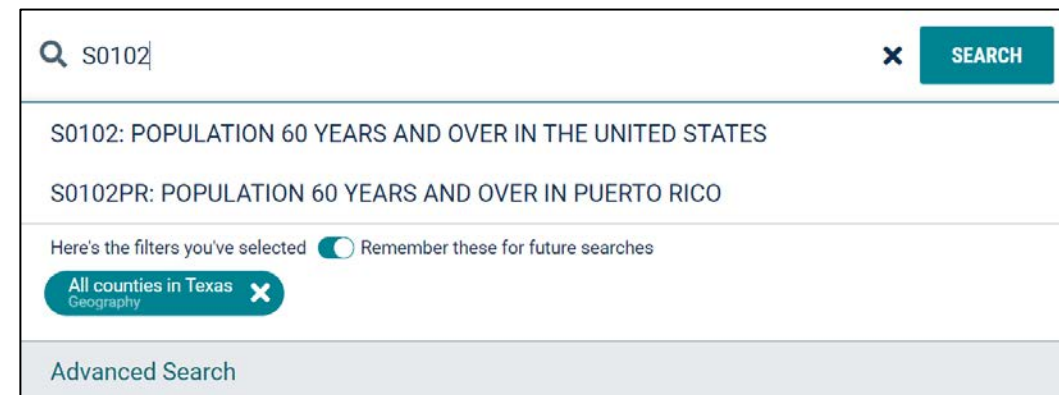


Data are suppressed:

1) Example: NAICS is not available for your geography



2) Example: Table is not available for your geography



	Anderson County, Texas		Andrews County, Texas		Angelina County, Texas	
	Total	60 years and over	Total	60 years and over	Total	60 years and over
Label	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate
▼ Total population	57,810	11,742			87,322	16,000
▼ SEX AND AGE						
Male	60.9%	49.6%			48.8%	47.0%
Female	39.1%	50.4%			51.2%	52.0%
Median age (years)	39.3	69.3			37.5	69.3
▼ RACE AND HISPANIC OR LATINO ORIGIN						
▼ One race	98.5%	99.3%			98.4%	99.3%
White	73.0%	86.7%			79.8%	84.0%
Black or African American	21.0%	11.8%			14.8%	11.0%
American Indian and Alaska Native	0.5%	0.4%			0.6%	0.4%

Learn more: [ACS Data Suppression](#) and [Geographic Restrictions by Table](#)



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# Why Does My Table Not Show All of My Selected Geographies? Why Am I Unable to Select My Geography?

It is often due to using ACS 1-year estimates instead of ACS 5-year estimates. ACS 1-year has min population requirement of 65,000 people.

Click the product drop down menu and choose ACS 5-year estimates to get data for your geographies.

United States  
Census  
Bureau

Q

b27001 all counties in indiana

×

SEARCH

// Search / Tables / B27001

HEALTH INSURANCE COVERAGE STATUS BY SEX BY AGE

Survey/Program: American Community Survey Universe: Civilian noninstitutionalized population TableID: B27001 **Product:**

Notes

Selections

1 Geo

Years

Topics

Surveys

Codes

123

Hide

Filter

Transpose

Margin of Error

Restore

Export

Allen County, Indiana

Bartholomew County, Indiana

Label	Estimate	Margin of Error
▼ Total:	375,582	±1,024
▼ Male:	183,067	±1,103
▼ Under 6 years:	16,157	±793
With health insurance coverage	15,562	±886
No health insurance coverage	595	±357

2019: ACS 1-Year Estimates Detailed Tables

2019: ACS 5-Year Estimates Detailed Tables

2018: ACS 1-Year Estimates Detailed Tables

2018: ACS 5-Year Estimates Detailed Tables

2017: ACS 1-Year Estimates Detailed Tables

2017: ACS 5-Year Estimates Detailed Tables

2016: ACS 1-Year Estimates Detailed Tables

2016: ACS 5-Year Estimates Detailed Tables

2015: ACS 1-Year Estimates Detailed Tables

2015: ACS 5-Year Estimates Detailed Tables





# Why Am I Unable to Find My Geography Using Single Search?

We are still working to improve search results for search phrases that could have multiple meanings.

Select your geography using the advanced search if you continue to experience difficulties.

The screenshot shows the United States Census Bureau search page. At the top, the search bar contains the text "Strafford, NH" and a magnifying glass icon. To the right of the search bar is a "SEARCH" button. Below the search bar, a message states: "We've found matches for your query in these categories". Two categories are listed: "New Hampshire Geography" and "Strafford city, Missouri Geography". Below this, there is a link for "Advanced Search". On the left side of the page, under the "Tables" section, three results are listed: "Government Units: US and State: Census Years 1942 - 2017", "Local Governments by Type: US and State: 2012 and 2017", and "General-Purpose Local Governments by State: US and State: Census Years 1942 to 2017". On the right side, there is a "Strafford city, Missouri Profile" card with a description and a right arrow icon. Below the profile card is a "Related Searches" section.

United States Census Bureau

SEARCH

We've found matches for your query in these categories

New Hampshire Geography

Strafford city, Missouri Geography

Advanced Search

Tables

Government Units: US and State: Census Years 1942 - 2017  
Survey/Program: Public Sector  
Table: CG00ORG01

Local Governments by Type: US and State: 2012 and 2017  
Survey/Program: Public Sector  
Table: CG00ORG02

General-Purpose Local Governments by State: US and State: Census Years 1942 to 2017  
Survey/Program: Public Sector  
Table: CG00ORG03

Strafford city, Missouri Profile

Strafford city, Missouri is a city, town, place equivalent (CDP), or township located in Missouri. Strafford city, Missouri has a total area of 2.9 square miles.

Related Searches



# How Do I Select My City or Town?

Use the Place or County Subdivision geography filters

- Place: Use for cities and towns in most states
- County Subdivision: Use to find towns, townships, and boroughs in selected states (primarily in the Northeast and Midwest)

Place: Atlanta city, Georgia

The screenshot shows the United States Census Bureau website interface. The 'Geography' filter is selected in the 'BROWSE FILTERS' section. In the 'GEOGRAPHY' section, the 'Place' option is selected. The 'WITHIN (STATE)' section shows 'Georgia' selected. The 'WITHIN (COUNTY)' section shows 'Atlanta city, Georgia' selected. The 'Selected Filters' section at the bottom shows 'Atlanta city, Georgia'.

County Subdivision: Strafford town, New Hampshire

The screenshot shows the United States Census Bureau website interface. The 'Geography' filter is selected in the 'BROWSE FILTERS' section. In the 'GEOGRAPHY' section, the 'County Subdivision' option is selected. The 'WITHIN (STATE)' section shows 'New Hampshire' selected. The 'WITHIN (COUNTY)' section shows 'Strafford County, New Hampshire' selected. The 'WITHIN (COUNTY)' section also shows 'Strafford town, Strafford County, New Hampshire' selected. The 'Selected Filters' section at the bottom shows 'Atlanta city, Georgia' and 'Strafford town, Strafford County, New Hampshire'.



# How Do I Access Data for ZIP Codes?

Use ZIP Code Tabulation Areas (ZCTAs) for data on people and housing

BROWSE FILTERS	GEOGRAPHY
Topics	<input type="checkbox"/> Show Summary Levels
<b>Geography</b>	Tract
Years	Block Group
Surveys	Block
Codes	<b>Zip Code Tabulation Area (Five-Digit)</b>
	Elementary School District
	Secondary School District
	Unified School District
	Congressional District
	State Legislative District (Upper Chamber)
	State Legislative District (Lower Chamber)

Selected Filters:

Use ZIP Codes for data on businesses

BROWSE FILTERS	GEOGRAPHY
Topics	<input type="checkbox"/> Show Summary Levels
<b>Geography</b>	Commercial Region(Planning Region)
Years	Estimates Universe Place
Surveys	Principal City
Codes	<b>5-Digit Zip Code</b>
	Equal Employment Opportunity County Set
	Place Remainder
	American Indian Tribal Subdivision/Remainder
	Estimates Universe Place Balance
	Estimates Universe County Subdivision

Selected Filters:

[https://www2.census.gov/data/api-documentation/using-data-census-gov-differences-in-zcta\\_zip-code-summary-levels.pdf](https://www2.census.gov/data/api-documentation/using-data-census-gov-differences-in-zcta_zip-code-summary-levels.pdf)



# How Do I Access Data for Collections of ZCTAs in Bulk?

Easy-to-use filters allow you to select all ZCTAs for the most recent data releases

## 2019 ACS

BROWSE FILTERS	GEOGRAPHY	WITHIN (STATE)	ALABAMA
Topics	<input type="checkbox"/> Show Summary Levels	<input checked="" type="checkbox"/> All ZCTAs in United States	<input checked="" type="checkbox"/> All ZCTA within Alabama
Geography	Nation	Alabama	<input type="checkbox"/> ZCTA5 30165
Years	Region	Alaska	<input type="checkbox"/> ZCTA5 35004
Surveys	Division	American Samoa	<input type="checkbox"/> ZCTA5 35005
Codes	State	Arizona	<input type="checkbox"/> ZCTA5 35006
	County	Arkansas	<input type="checkbox"/> ZCTA5 35007
	Tract	California	<input type="checkbox"/> ZCTA5 35010
	Block Group	Colorado	<input type="checkbox"/> ZCTA5 35013
	Block	Commonwealth of the Northern Mariana Islands	<input type="checkbox"/> ZCTA5 35014
	Zip Code Tabulation Area (Five-Digit)	Connecticut	<input type="checkbox"/> ZCTA5 35016
	Elementary School District	Delaware	<input type="checkbox"/> ZCTA5 35019
	Secondary School District	District of Columbia	
	Unified School District		

## 2010 & 2000 Census

BROWSE FILTERS	GEOGRAPHY	871 - 5-DIGIT ZCTA (OR PART) ...	ALABAMA
Topics	<input checked="" type="checkbox"/> Show Summary Levels	Alabama	<input checked="" type="checkbox"/> All 5-Digit ZIP Code Tabulation Areas fully/partially within Alabama
Geography	851 - ZCTA3 within State	Alaska	<input type="checkbox"/> ZCTA5 30165 (part), Alabama
Years	852 - State-ZCTA3-County (or part)	American Samoa	<input type="checkbox"/> ZCTA5 31905 (part), Alabama
Surveys	860 - 5-Digit ZCTA	Arizona	<input type="checkbox"/> ZCTA5 35004, Alabama
Codes	861 - 5-Digit ZIP Code	Arkansas	<input type="checkbox"/> ZCTA5 35005, Alabama
	870 - State within Zip Code Tabulation Area (Five-Digit)	California	<input type="checkbox"/> ZCTA5 35006, Alabama
	871 - 5-Digit ZCTA (or part) within State	Colorado	<input type="checkbox"/> ZCTA5 35007, Alabama
	880 - ZCTA-State-County	Commonwealth of the Northern Mariana Islands	<input type="checkbox"/> ZCTA5 35010, Alabama
	881 - State-5-Digit ZCTA (or part) within State-County	Connecticut	<input type="checkbox"/> ZCTA5 35013, Alabama
	902 - EEO	Delaware	<input type="checkbox"/> ZCTA5 35014, Alabama
	904 - Commercial Region(Planning Region)	District of Columbia	
		Florida	

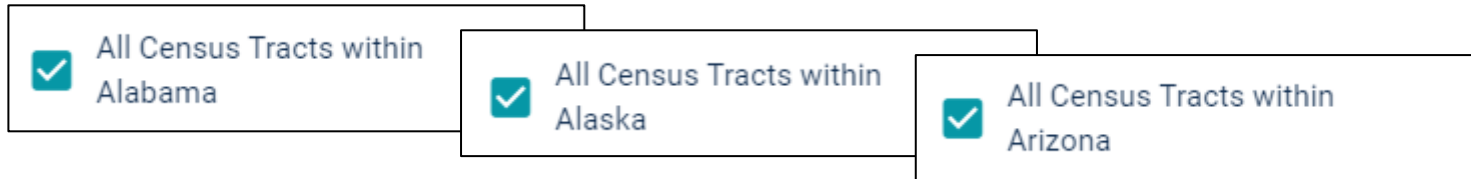
Learn more:

- ACS: See [FAQ KCP-6030](#) to learn how to get ZCTA data earlier vintages of ACS 5-year datasets (2011-2018)
- 2010 & 2000 Census: See [FAQ KCP-6031](#) to learn how to get for all ZCTAs in U.S. for decennial census



# How Do I Select All Census Tracts in the U.S.?

- Visit this link which has selections for all tracts in each state, DC, and Puerto Rico



The image shows a screenshot of the Census Bureau's advanced search interface. It features three checkboxes, each with a green checkmark and a label: "All Census Tracts within Alabama", "All Census Tracts within Alaska", and "All Census Tracts within Arizona". The checkboxes are arranged horizontally, with the first two overlapping slightly.

<https://data.census.gov/cedsci/advanced?g=0400000US01.140000,02.140000,04.140000,05.140000,06.140000,08.140000,09.140000,10.140000,11.140000,12.140000,13.140000,15.140000,16.140000,17.140000,18.140000,19.140000,20.140000,21.140000,22.140000,23.140000,24.140000,25.140000,26.140000,27.140000,28.140000,29.140000,30.140000,31.140000,32.140000,33.140000,34.140000,35.140000,36.140000,37.140000,38.140000,39.140000,40.140000,41.140000,42.140000,44.140000,45.140000,46.140000,47.140000,48.140000,49.140000,50.140000,51.140000,53.140000,54.140000,55.140000,56.140000,72.140000>

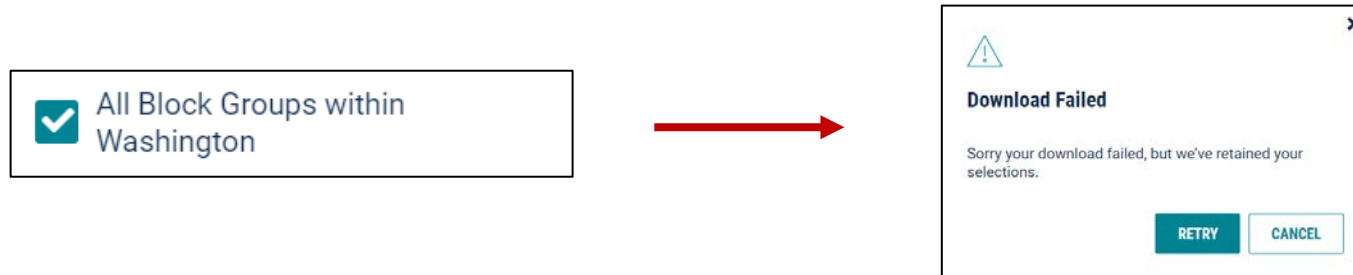
- Add other search criteria
- Download your table(s)



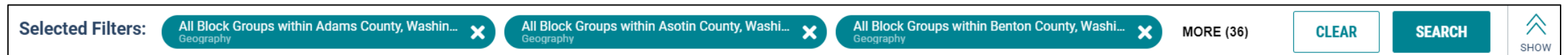


# How Do I Select All Block Groups in My State?

Check boxes for “All Block Groups in a state” have not been made compatible with ACS data tables and will result in Download Failed error messages.



Use the county-level collections instead (example: All block groups in each of Washington’s 39 counties)



Visit [FAQ KCP-6017](#) for quick links that provide selections for all block groups in a state that work with ACS tables.

[ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-6017](https://ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-6017)



# What About Other Geography Selection Options I Need?

- Tell us what collections you would like to see by emailing [cedsci.feedback@census.gov](mailto:cedsci.feedback@census.gov)
- Get a list of geographies within other geographies (Example: All census tracts in a city):
  - MABLE Geocorr  
<https://mcdc.missouri.edu/applications/geocorr.html>  
Learn [how to use MABLE Geocorr](#)
  - U.S. Census Bureau Relationship Files  
<https://www.census.gov/geographies/reference-files/time-series/geo/relationship-files.html>
- Use maps, API, or FTP as workarounds in some cases

### Geocorr 2014: Geographic Correspondence Engine

Rev. 9/10/2016 with Census 2010 (and later) geography

This application accesses the MABLE geographic database to generate custom correlation lists as reports and/or files. Click on the help icons (?) for detailed info on any section of this form. *Please note that processing time may be several minutes for large areas or multiple states.*

[Help](#) | [Examples](#) | [What's new](#) | [Other Geocorr versions](#)

#### INPUT OPTIONS

Select the state(s) to process: (?)

Missouri

Alabama

Alaska

Arizona

Arkansas

California

Colorado

Connecticut

(ctrl-click to select multiple)

Select one or more source geographies: (?)

Entire Universe [no code]

State

2010 Geographies:

County

County Subdivision/Town(ship)/MCD

Place (City, Town, Village, CDP, etc.)

Census Tract

Census Block Group

Census Block\*

ZIP/ZCTA

Core Based Statistical Area (CBSA)

CBSA Type (Metro or Micro)

Select one or more target geographies: (?)

Entire Universe [no code]

State

2010 Geographies:

County

County Subdivision/Town(ship)/MCD

Place (City, Town, Village, CDP, etc.)

Census Tract

Census Block Group

Census Block\*

ZIP/ZCTA

Core Based Statistical Area (CBSA)

CBSA Type (Metro or Micro)

**Notes for geography selectors:**

\* If you chose census block, you may not choose more than 13 states.

\*\* If you chose "Concentric Ring Pseudo-Geocode" from either list, you *must* specify either **Point and Distance** or **Ring Geocode** options below.

See the [geographic glossary](#) for descriptions of the source and target geocodes used here.

MABLE Geocorr: All census tracts in a city

United States<sup>®</sup>  
**Census**  
Bureau

22



# How Can I Find the Geographies for an Address?

To find the census tract or other geographic areas associated with a particular address:

- Use the [Census Geocoder](#) and reference [FAQ KCP-5495](#)

Find Address Results

Street : 2300 Empire Ave

City : Burbank

State : CA

Zip : 91504

Benchmark : Public\_AR\_Current

Vintage : Current\_Current

FIND

1. Enter Address in Geocoder



Census Tracts:  
GEOID: 06037310501  
CENTLAT: +34.1946547  
AREAWATER: 0  
STATE: 06  
BASENAME: 3105.01  
OID: 207903717303996  
LSADC: CT  
FUNCSTAT: S  
INTPTLAT: +34.1946547  
NAME: Census Tract 3105.01  
OBSECTID: 33133  
TRACT: 310501  
CENTLON: -118.3394509  
AREALAND: 1965651  
INTPTLON: -118.3394509  
MTFCC: G5020  
COUNTY: 037

2. View Results



BROWSE FILTERS

Topics

Geography

Years

Surveys

Codes

GEOGRAPHY

Show Summary Levels

Nation

Region

Division

State

County

Traet

Block Group

Block

Zip Code Tabulation Area (Five-Digit)

Elementary School District

Secondary School District

WITHIN (STATE)

Alabama

Alaska

American Samoa

Arizona

Arkansas

California

Colorado

Commonwealth of the Northern Mariana Islands

Connecticut

Delaware

District of Columbia

Florida

WITHIN (COUNTY)

Inyo County, California

Kern County, California

Kings County, California

Lake County, California

Lassen County, California

Los Angeles County, California

Madera County, California

Marin County, California

Mariposa County, California

Mendocino County, California

Merced County, California

Moroc County, California

Mono County, California

LOS ANGELES COUNTY, CALIF...

Census Tract 3102.02, Los Angeles County, California

Census Tract 3103, Los Angeles County, California

Census Tract 3104, Los Angeles County, California

Census Tract 3105, Los Angeles County, California

Census Tract 3105.01, Los Angeles County, California

Census Tract 3106, Los Angeles County, California

Census Tract 3106.01, Los Angeles County, California

Census Tract 3106.02, Los Angeles County, California

3. Select Geography in data.census.gov

[ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5495](https://ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5495)



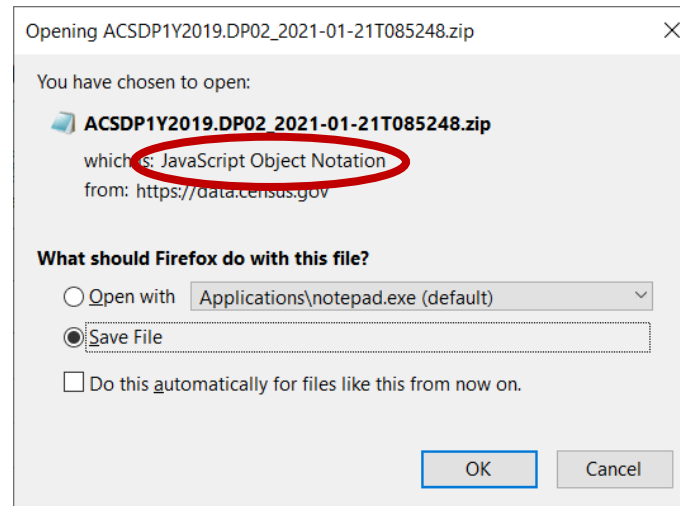
# Outline

- Answers to Common Questions Related to:
  - Finding Data
  - Understanding Error Messages & Overcoming Performance Issues
  - Selecting Geographies
  - **Downloading or Printing Tables**
- Q&A



# Why Is My Download a JSON File?

Some browsers (Firefox and Safari) show the download file type as JSON instead of .zip due to a defect

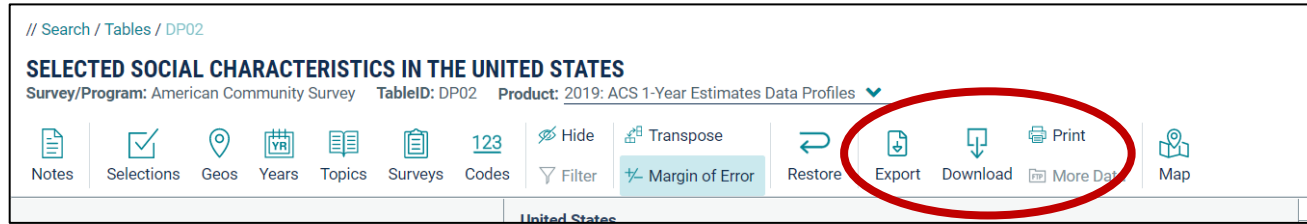


Use the preferred browser, Google Chrome, to download your files instead

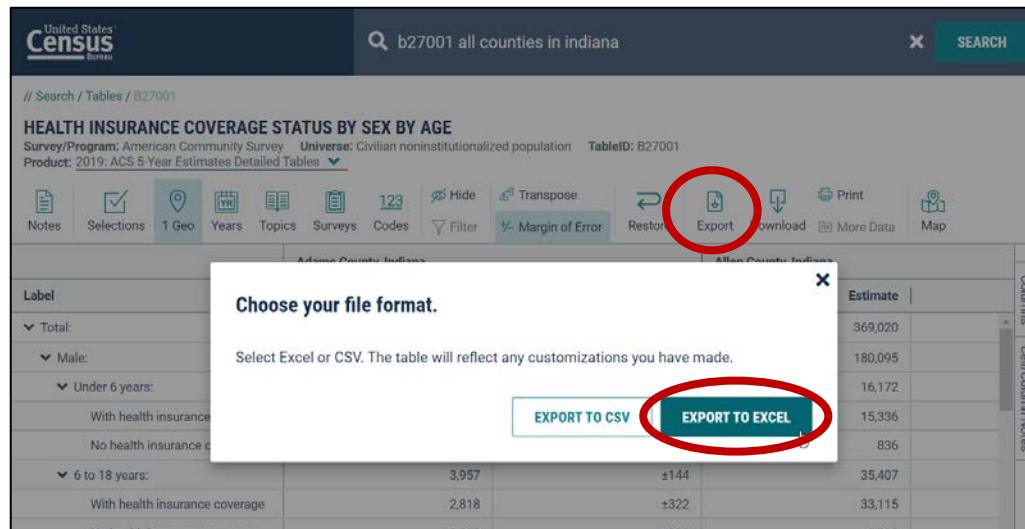


# Why Does My Download Not Look Like the Table?

Downloading provides machine readable output. We recommend it if you want to sort, map, or manipulate the data.



Export the table to Excel to get output that looks similar to the table display.



The screenshot shows the Excel output of the table. The table is titled "HEALTH INSURANCE COVERAGE STATUS BY SEX BY AGE". It contains the following data:

	Adams County, Indiana	Allen County, Indiana
Total:	34,932	369,020
Male:	17,471	180,095
Under 6 years:	2,021	16,172
With health insurance coverage	1,342	15,336
No health insurance coverage	679	836
6 to 18 years:	3,957	35,407
With health insurance coverage	2,818	33,115
No health insurance coverage	1,139	2,292
19 to 25 years:	1,598	16,989
With health insurance coverage	1,171	14,474

[ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5947](https://ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5947)





# Why Are My Customizations Not Reflected in My Downloaded File?

Export or copy/paste the table if you want customizations you made on screen to carry over to output

Feature:	Do Customizations Carry Over?
<b><u>Copy/Paste:</u></b>  <a href="#">Select table cells, right click the table and choose "Copy" or "Copy with Headers"</a>	Yes
<b><u>Export:</u></b>  <a href="#">Right click the table and export to Excel or .csv</a>	Yes
<b><u>Download:</u></b>  <a href="#">Click the Download button and follow the prompt to get .csv file</a>	No

[ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5511](https://ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5511)





# How Can I Print My Table?

Use the print feature for small tables

United States Census Bureau

commuting

// Search / Tables / B08006

**SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK**

Survey/Program: American Community Survey Universe: Workers 16 years and over TableID: B08006 Product: 2019: ACS 1-Year Estimates Detailed Tables

Notes Selections Geos Years 1 Topic Surveys Codes 123 Hide Transpose Print

Printing this table will only include the first page of data and the associated table notes.

For the complete table, click Export to Excel.

**PRINT ANYWAY** **EXPORT TO EXCEL**

Fit more on the page by:

- Hiding or resizing columns
- Adjusting the print scale

1/21/2021 https://data.census.gov/cedsci/table?q=commuting&tid=ACSDT1Y2019.B08006&enc=trunk&hid=Preview&true

**SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK**

Note: This is a modified view of the original table produced by the U.S. Census Bureau. This download or printed version may have missing information from the original table.

United States Census Bureau

Print 2 sheets of paper

More settings

Paper size Letter

Pages per sheet 1

Margins Default

Quality 1,200 dpi

Scale Custom

55

Options ☒ Headers and footers ☐ Background graphics

Print using system dialog... (Ctrl+Shift+P)

**Print** **Cancel**



# How Can I Download a PDF?

We have not yet added the functionality, which is why the button is grayed out

**File Type**  
☒ CSV  
☐ PDF

**What You're Getting**

- 1 .csv files (metadata)
- 1 .csv files (data)
- 1 .txt files (table title)

Uncompressed Estimated Size: 9.8 kB  
**DOWNLOAD**

Export the table to Excel to get output that looks similar to the table display.

**United States Census Bureau**  
b27001 all counties in indiana  
// Search / Tables / B27001

**HEALTH INSURANCE COVERAGE STATUS BY SEX BY AGE**  
Survey/Program: American Community Survey Universe: Civilian noninstitutionalized population TableID: B27001  
Product: 2019: ACS 5-Year Estimates Detailed Tables

Notes Selections 1 Geo Years Topics Surveys Codes 123 Hide Transpose Restore Export Download More Data Map

**Choose your file format.**  
Select Excel or CSV. The table will reflect any customizations you have made.  
**EXPORT TO CSV** **EXPORT TO EXCEL**

Label	Estimate	Margin of Error
Total:	369,020	
Male:	180,095	
Under 6 years:	16,172	
With health insurance coverage	15,336	
No health insurance coverage	836	
6 to 18 years:	3,957	±144
With health insurance coverage	2,818	±322
No health insurance coverage	1,139	±328
19 to 25 years:	1,598	±108
With health insurance coverage	1,171	±129
No health insurance coverage	427	±129

	A	B	C	D
1	HEALTH INSURANCE COVERAGE STATUS BY SEX BY AGE			
2				
3	TABLE ID:	B27001		
4	SURVEY/PROGRAM	American Community Survey		
5	PRODUCT:	ACS 5-Year Estimates Detailed Tables		
6				
7	Note: The table shown may have been modified by user selections. Some information may be missing.			
8				
9				
10		Adams County, Indiana		Allen County, Indiana
11	Label	Estimate	Margin of Error	Estimate
12	Total:	34,932	±159	369,020
13	Male:	17,471	±116	180,095
14	Under 6 years:	2,021	±170	16,172
15	With health insurance coverage	1,342	±231	15,336
16	No health insurance coverage	679	±170	836
17	6 to 18 years:	3,957	±144	35,407
18	With health insurance coverage	2,818	±322	33,115
19	No health insurance coverage	1,139	±328	2,292
20	19 to 25 years:	1,598	±108	16,989
21	With health insurance coverage	1,171	±129	14,474





# Where Can I Learn More?

data.census.gov Resources page:

[census.gov/data/what-is-data-census-gov.html](https://census.gov/data/what-is-data-census-gov.html)

Census Academy:

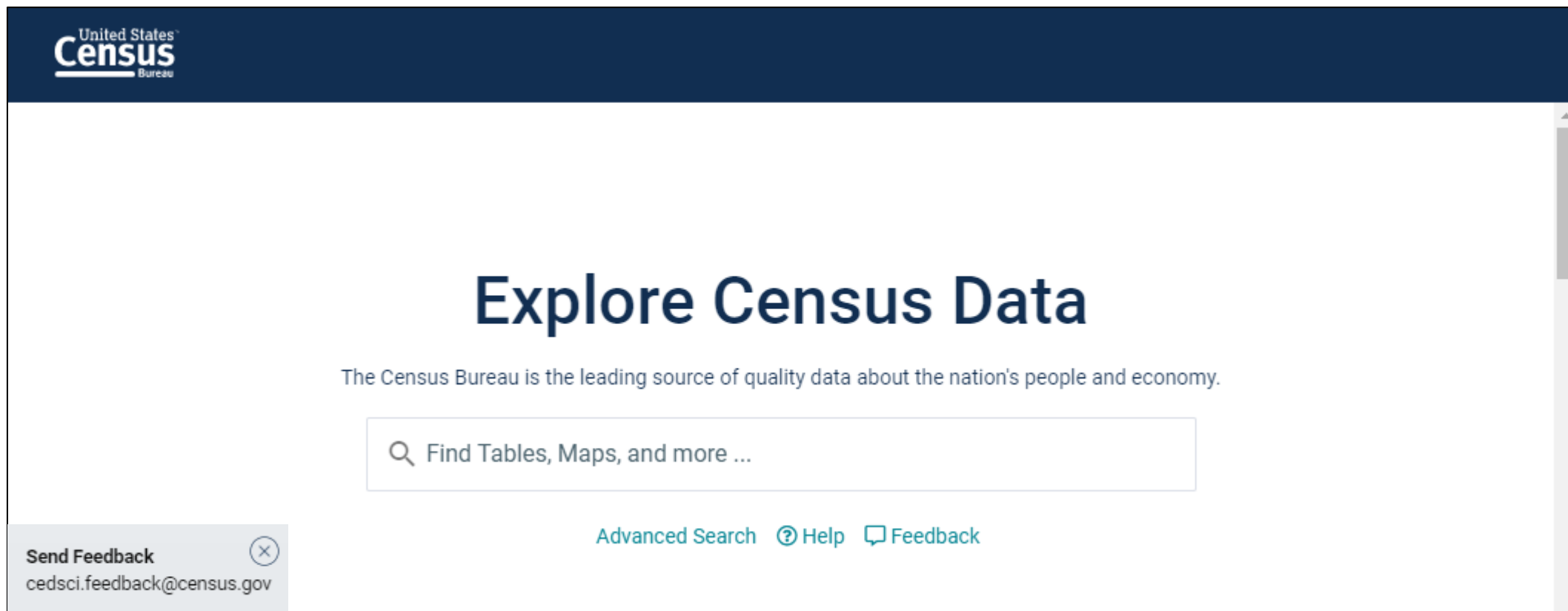
[census.gov/data/academy/webinars/upcoming.html](https://census.gov/data/academy/webinars/upcoming.html)

The collage displays several overlapping screenshots of the data.census.gov website. The main screenshot shows the 'What is data.census.gov?' page with a navigation bar (BROWSE BY TOPIC, EXPLORE DATA, LIBRARY, SURVEYS/ PROGRAMS, INFORMATION FOR..., FIND A CODE, ABOUT US) and a sidebar menu (WHAT IS DATA.CENSUS.GOV?, About data.census.gov, News and Updates, Guidance for Data Users, Outreach, < Back to Data). The main content area features the title 'data.census.gov Resources' and a paragraph: 'The vision for data.census.gov is to improve the customer experience making data available from one centralized place so that data users spend less time searching for data and content, and more time using it.' Below this is a graphic with binary code (01100, 10110, 11110) and a gear icon, with the URL 'data.census.gov' underneath. Other screenshots show the 'Video Tutorials' page, the 'Webinars' page, the 'Release Notes' page, and the 'News and Updates' page. The 'News and Updates' page lists recent releases, including the '2010 American Community Survey 5-Year Selected Population Tables' and the '2017 Economic Census US Basic Data (additional states/sectors)'.





# Who Can I Contact to Get Help or Provide Feedback?



Email [cedsci.feedback@census.gov](mailto:cedsci.feedback@census.gov)





# Questions

*Media:*

Public Information Office

U.S. Census Bureau

[pio@census.gov](mailto:pio@census.gov)

301-763-3030

*Public:*

Center for Enterprise Dissemination

U.S. Census Bureau

[cedsci.feedback@census.gov](mailto:cedsci.feedback@census.gov)





# Microdata Access on data.census.gov/mdat

You can use microdata access on data.census.gov/mdat to create custom tables. Learn more at:

[census.gov/data/what-is-data-census-gov/guidance-for-data-users/how-to-materials-for-using-the-microdata-access.html](https://census.gov/data/what-is-data-census-gov/guidance-for-data-users/how-to-materials-for-using-the-microdata-access.html)



## How-to Materials for Using the Microdata Access

Do you have questions on how to use Microdata Access? Check out our step-by-step guidance to learn how to use Microdata Access to create your own tabulations.



Using Microdata Access: With ACS 1-Year Estimates – Public Use Microdata Sample [1.5 MB]



Using Microdata Access: How To Create Poverty Estimates From The CPS ASEC [2.4 MB]

## Webinars


### TRAINING

#### Using Public Microdata to Create Custom Tables on data.census.gov

In this webinar, you will learn how to create custom tables using public use microdata, customize your view, download the data, and provide your feedback.



[VIEW ALL WEBINARS](#)




**Alexandra Barker**  
Bureau

**DATA-TOOL**

### What is Microdata and Why Should I Use It?

Microdata are a set of untabulated records about individual people or housing units that can be used to create custom tables.










# Application Programming Interface (API)

You can use the API to get results for a few estimates or an entire table, and view your results in Google Chrome or .csv. Learn more at [census.gov/data/what-is-data-census-gov/guidance-for-data-users/how-to-materials-for-using-the-census-api.html](https://census.gov/data/what-is-data-census-gov/guidance-for-data-users/how-to-materials-for-using-the-census-api.html)



How-to Materials for Using the Census API






Do you have questions on how to use the Census API? Check out our step-by-step guidance to learn how to use the Census API to find the data you need. To learn more about the Census API, and to begin using it to locate data, visit our Census API [Developers](#) page.

Census Data API User Guide

This user guide instructs developers and researchers on how to use the Census Data API to request data from U.S. Census Bureau datasets.


 Census Data API Flyer [< 1.0 MB]

How to Extract Data from the Census API

VIDEO

Using the API to Get Results for Multiple Estimates


In this tutorial, we'll show you how to get data for only the variables you need from the 2018 ACS 1-Year Data Profiles.




VIDEO

Using the API to Get All Results for an ACS Table

In this tutorial, we'll show you how to get data for an entire table from the American Community Survey.



VIEW ALL CENSUS VIDEOS




Gerson Vasquez  
Data Visualization Specialist

DATA-TOOL

How to Extract Data from the Census API

Learn how to use the Census API to explore or learn more about America's changing population and economy.





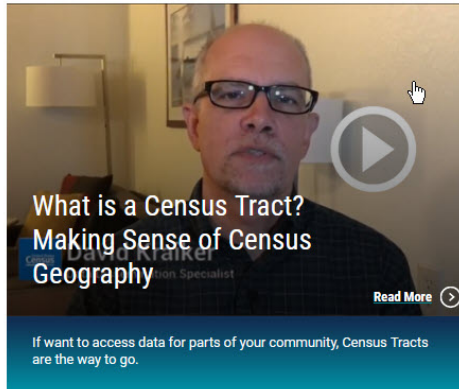
# Data Dissemination and Training: census.gov/academy

## Census Academy

Data Gems  
Webinars  
Courses - Coming Soon!



### Data Gems



VIDEO | OCTOBER 11, 2018  
**How to Access Data for a Neighborhood or Service Area**  
By using Census Tracts, you can select the boundaries of your area, and access demographic, socioeconomic, and housing statistics about your community.

VIDEO | SEPTEMBER 21, 2018  
**How to Extract Data from the Census API**  
Learn how to use the Census API to explore or learn more about America's changing population and economy.

VIDEO | SEPTEMBER 21, 2018  
**Visualizing Characteristics Using the Census Engagement Navigator**  
Learn how to use this interactive visualization to quickly understand what areas of the country had high or low return rates in the 2010 census.

[VIEW ALL DATA GEMS](#)

✓ **Bring our data experts to you.**

[Request](#) a free data training for your organization.

✓ **Subscribe to Census.gov/academy.**

Join our educational hub to receive our updates and training products

- **Receive our Data Gems.**

These short “how-to” videos are an easy and quick way to increase your knowledge of Census data. Get them in your inbox!

- **Get access to our data courses.**

You will learn-at-your-own-pace with these video-tutorials designed for different skill levels.

- **Interact with our instructors via webinars.**

Learn about our data releases and tools while attending these live virtual classes.

**Contact us:**

[census.askdata@census.gov](mailto:census.askdata@census.gov)

1-844-ASK-DATA

Connect with us on Social Media





# Webinar Evaluation



<https://questionweb.com/59212/>